

## The Knowledge Bank at The Ohio State University

### Ohio State Engineer

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# DEPARTMENTS AND SOCIETIES

## Texnikoi

### RECOGNITION FOR THE ENGINEER'S ACTIVITIES

Texnikoi is an Activities Honorary for Senior Engineers. Fifteen men are elected to membership each year. The elections to membership take place at the end of the spring quarter, 12 of the men must be finishing their junior year, and the other three may consist of seniors or honorary members. The fundamental philosophy behind Texnikoi is that extracurricular activity is a necessary part of the education of the engineer, and the men elected to Texnikoi are chosen on the basis of their activities.

With this view in mind, Texnikoi is endeavoring to establish a system of recognizing the activities of every engineering student on the campus. To do this, contact is being made with every campus organization that engineers may participate in, and every such organization will be requested to fill out two information blanks. One of these will be a general information sheet on which such information will be asked for as the name of the organization, what it is, the entrance requirements, expenses connected with it, the activities or projects of the organization, the names of the officers and faculty advisors, the total number of members in the organization and the number of members enrolled in the college of engineering. The other blank will request such information as the names of the members of the organization that are studying engineering, the number of meetings each member attended, the part each of those members took in the organization, such as officers, committee work or special work, the approximate time spent by the organization in meetings, the total number of meetings held by the organization. From the information obtained on these two blanks, Texnikoi will compile a record card for each engineer on which will be listed the activities in which he (or she) has participated, and also attempt to show just what work the engineer has done in the organization. The latter part is emphasized in that a person may belong to an organization and simply go to the meetings, not taking any part in the activity of the society, or the member may not go to the meetings even, and then again, the person may be an officer, a committeeman, or engaged in some special work which really deserves special credit and hence is worthy of mention.

It is a well-known fact that employers are always interested in the activities of the prospective employees, and Texnikoi feels that such a file of the students would be of benefit in helping such employers select men. It is also quite probable that such information would be of value to the faculty members in

getting an idea as to the amount of time spent by engineers in outside activities.

With the above thoughts in mind Texnikoi requests that all the organizations fill these blanks out as completely and accurately as possible, for it will be entirely to your benefit to do so.

## Welding Conference

The seventh annual welding conference, sponsored by the department of industrial engineering with the cooperation of manufacturers and users of welding equipment, was held February 24 and 25. The conference took place in the Industrial Engineering Building and the Ohio State Experiment Station. An elaborate display was set up for the purpose of demonstrating the latest developments in oxy-acetylene welding and cutting and in electric arc welding. Special equipment was set up in the Experiment Station for the purpose of testing to destruction a full size welded steel truss.

The conference was opened at 9 a. m. on Thursday. An address of welcome was given by President George W. Rightmire. Short talks were given by Dean C. E. MacQuigg and Professor John W. Younger, chairman, department of industrial engineering. "The Modern Welding Formula and How It Works" was the subject discussed by H. S. Card, development director, National Electrical Manufacturers Association. Friday morning was opened with an address on the story of stainless steel by T. R. Lichenwalter, Republic Steel Corporation. Friday afternoon's lectures were given by H. H. Howley, bridge engineer, Ohio Department of Highways; D. J. Demorest, chairman, department of metallurgy; H. J. Hoffman, Engineering Experiment Station; and R. D. Kirkwood, manager, Columbus office, Truscon Steel Company.

One of the highlights of the conference took place Thursday evening when a Columbus Chapter of the American Welding Society was formed. The organization of the society was in charge of Professor O. D. Rickley, L. G. Hinchman, F. W. Shackleton of the Air Reduction Sales Company, and Frank Caldwell of the Jeffrey Manufacturing Company.

## Keramos

Keramos held its annual scholarship banquet Thursday, February 24, at the Dutch Tavern. The guests of honor at the affair were the high ranking juniors and the two highest ranking sophomores who are scholastically eligible for membership in Keramos.

Immediately after dinner, President William Fahrenbruck introduced Professor Arthur E. Baggs, chairman of the Ceramic Art Department, who was duly installed as an honorary member in the society.

The prospective candidates for membership in

Keramos were familiarized with the activities of the honorary by Tom Faulkner and Nick Carter, both graduate ceramic engineers. The active members of Keramos entertained the honored guests and after a brief discussion of ceramic engineering problems and present day demands of the ceramic engineer, the meeting was adjourned.

The next meeting will be held in the first week of March, when new members will be elected to Keramos from the scholastically eligible men present at the banquet. Formal initiation will take place the first week of next quarter.

### A. I. E. E.

The EE boys really stepped out at the formal dinner which AIEE held in conjunction with HKN January 28. Everyone laid aside his slide rule and tables of hyperbolic functions, dug out the old "soup and fish," and took the girl friend out to the Tavernel. Moreover the delectable bits of femininity which were in evidence at the dinner seemed to show that the EE's are more "lady-minded" than they are generally reputed to be. After the dinner most of the couples went to the Engineers' dance at the Armory.

The first meeting of the new month was a dinner meeting held at Pomerene Refectory on Thursday, February 3, 1938. During the business meeting, Whitney Matthews reported that arrangements for Engineers' Day were progressing in fine shape. Vic Fredricksen reported that the combined AIEE-HKN dinner was a great success and it was suggested that more be held. After dinner, Dean MacQuigg gave a very interesting talk on "The Place of the Engineer in the Future."

The second meeting was held in the Communications Laboratory February 17. After committee reports and considerable discussion concerning Engineers Day preparations, two talks were given by seniors. George Woods demonstrated the Stroboscope and Randy Thumm and Gene Anderson showed how the induction furnace operated.

The *Grapevine* (that famous EE publication) Valentine contest was very successful and gave the

EE's much to talk about on St. Valentine's Day. About 60 comic valentines (every one was different) were submitted to the *Grapevine*, poking fun at each member of the faculty, each and every one of the seniors, and a few juniors. According to the *Grapevine*, everyone got a "big kick" from the valentines from the faculty down to the lowly junior, and Joseph Bitonti won the great prize for submitting the most (?) appropriate comic valentine.

### A. S. M. E. — S. A. E.

At the regular meeting, January 28, of the American Society of Mechanical Engineers, papers from the S. A. E. convention were read by members of the S. A. E. The annual S. A. E. convention was held January 10-24, 1938, at Detroit, Michigan.

The February 11 meeting of A. S. M. E. was held in room 164 of the Chemistry Building. Mr. M. M. Boring of General Electric Company spoke on "The Problem of Employment." In his interesting talk Mr. Boring brought out methods which industry uses in selection of employees today. He stressed personality in the engineer and told what weight academic grades carry with the modern employer. A large group of junior and senior engineers were present. Members of A. I. E. E., S. S. I. E. and A. I. Ch. E. were guests of this meeting.

Motion pictures on safe driving were presented by the Chevrolet Company at the meeting, February 18.

### Quadrangle Jesters

The engineering dramatic society, Quadrangle Jesters, are making extensive plans at present for their annual production which will be presented about the middle of the spring quarter. The play has been selected and the majority of the parts have been assigned. There are, however, in addition to several openings in the play itself, quite a few openings on the business staff. Furthermore, there is still time to become an intimate, integral part of that group of artists which has the reputation of being the most entertaining and humorous group ever assembled . . . the beef-trust chorus. The hoofers have already started to get limbered up and are working on a number of routines which will probably steal the show.

All available talent from every department in the college of engineering will be welcomed and appreciated. Plan now to be present at the next regular meeting. The time and place will be announced on posters in all engineering buildings. Quadrangle Jesters offers an excellent opportunity for you to engage in an extra-curricular activity; it will be beneficial to you and to the organization if you take an active interest in the forthcoming production.

### A. S. C. E.

The Ohio State University student chapter of the American Society of Civil Engineers met in Room 109, Brown Hall, Wednesday evening, February 16, and

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heard one of the most interesting discussions of the year by Samuel Wyer, Columbus consulting engineer. Mr. Wyer spoke upon "The Road to Plenty" in which he touched upon our economic crisis and its relation to both internal and international conditions that confront our country today. Mr. Wyer's discussion of the Holding Company Act, T. V. A., labor conditions and the current farm problem proved most enlightening and interesting. "Capitalism and democracy at its worst," said Wyer, "are better than any of the 'isms at their best.' However, a number of people overlook the fact that we do not need to keep capitalism at its worst."

After Mr. Wyer's talk a short business session was held during which it was decided that the A. S. C. E.'s would participate in the Engineers' Day parade and a committee was appointed to consider a suitable float. **The Radio Club**

The Ohio State University Radio Club, W8LT, has been meeting regularly each Monday evening at 7:00 p. m. at the radio shack. For the last several meetings the club has been enjoying informal talks delivered by members of the club pertaining to, either radio as a hobby or radio in the industry.

The 1000 watt C. C. transmitter is still under design, while the parts are being slowly collected. Construction will soon go forward under the able leadership of the technician, I. Beam. The club is looking forward to moving into the WOSU transmitting shack where the new equipment will be initiated.

There will be an election of officers on January 28 for the spring quarter. At that time, the club will also make plans for a stag party which will be held sometime near final examination week.

### **Tau Beta Pi**

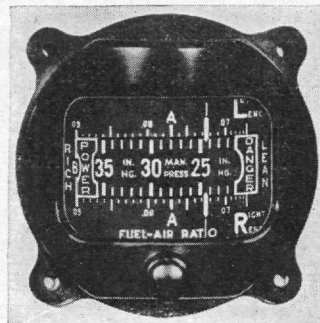
Tau Beta Pi held its formal pledging banquet at Pomerene Hall, February 16. George Tobias, president, introduced Professor James E. Boyd, as guest of the evening. Later, 26 men took the oath to become pledges of the organization. The pledge group includes Maynard Collier, Carl Lynn, Whitney Matthews, Merrill Riehl, Ernest Snyder, Arthur Baggs, Rex Ball, Allan Conrad, Thomas Cook, Lodvic Davis, Sam Daugherty, Lewis Dever, Jack Gerster, Stanley Fogue, Louis Kellogg, Carl Lauffer, Robert McComb, Rodger Merrill, Robert Ogram, Howard Rohrer, John Shuck, Max Ruhl, John Sherman, Arthur Thomas, Roy Thompson, George Vanator. The formal initiation took place March 5.

### **A. C. S.**

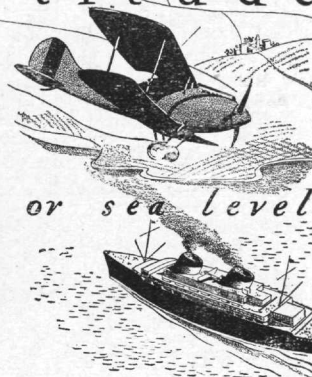
The student branch of the American Ceramic Society held its monthly meeting Wednesday evening, March 9, in Lord Hall. The program consisted of showing a motion picture film on enamels by Professor R. M. King. Following this, a discussion led by Sidney Brooks was held on "The Graduate Engineer in Industry."

March, 1938

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